

Title (en)
PROCESSING AGENT FOR POLYESTER FIBER STRUCTURE AND PRODUCTION METHOD FOR POLYESTER FIBER STRUCTURE USING SAME

Title (de)
WIRKSTOFF ZUR VERARBEITUNG EINER POLYESTERFASERSTRUKTUR UND HERSTELLUNGSVERFAHREN FÜR EINE POLYESTERFASERSTRUKTUR DAMIT

Title (fr)
AGENT DE TRAITEMENT POUR STRUCTURE FIBRE POLYESTER ET PROCÉDÉ DE FABRICATION DE STRUCTURE FIBRE POLYESTER QUI UTILISE LEDIT AGENT

Publication
EP 2653605 A1 20131023 (EN)

Application
EP 11847941 A 20111214

Priority
• JP 2010280090 A 20101216
• JP 2011078857 W 20111214

Abstract (en)
The present invention provides a terminal blocking processing agent of a polyester-based fiber structure allowing a treated product to efficiently take up a terminal blocking agent, and a method of producing a polyester-based fiber structure having hydrolysis-resistant properties using the terminal blocking processing agent, and is characterized in that terminal blocking treatment is carried out with the terminal blocking processing agent in which a carbodiimide-based terminal blocking agent and a carrier containing alkyl phthalimide and benzoate as essential components are emulsified or dispersed in water or a solvent using a surfactant.

IPC 8 full level
D06M 13/322 (2006.01); **D06M 13/188** (2006.01); **D06M 101/32** (2006.01)

CPC (source: EP US)
D06M 13/1845 (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **D06M 13/415** (2013.01 - EP US); **D06M 13/432** (2013.01 - EP US); **D06M 2101/32** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2653605 A1 20131023; **EP 2653605 A4 20171025**; **EP 2653605 B1 20181205**; CN 103261509 A 20130821; CN 103261509 B 20141231; ES 2712744 T3 20190514; JP 5928333 B2 20160601; JP WO2012081596 A1 20140522; US 2013263384 A1 20131010; WO 2012081596 A1 20120621

DOCDB simple family (application)
EP 11847941 A 20111214; CN 201180060100 A 20111214; ES 11847941 T 20111214; JP 2011078857 W 20111214; JP 2012522853 A 20111214; US 201113994292 A 20111214